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ABSTRACT:

PROBLEM TO BE SOLVED: To provide a facsimile equipment which can perform the facsimile transmission via a terminal that is connected to a LAN(local area network) without installing any software to be used only for the facsimile equipment at the terminal.

SOLUTION: When the user of a terminal of a LAN starts a WWW (world wide web) browser, i.e., one of current environments of a personal computer, a facsimile equipment is requested to transfer a home page. Thus, an HTTPD control part 13 takes a source code file of the home page out of a home page management part 14 and sends it to the requester terminal. When the user inputs a destination telephone number, a text describing the contents of a message, etc., and requests the transmission based on the display of the home page, the image information obtained by converting the text, etc., via an image conversion part 21 is converted into a facsimile message and transmitted under the control of a circuit control part 18.

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[Derwent Week] 1998-39 [Patent No.] JP10191010 A [Patentee] NIDE/NEC CORP

[Title] Facsimile machine connectable to LAN has circuit controller which sends facsimile message signal from facsimile message transmitting unit to destination facsimile machine after transmission-address telephone...

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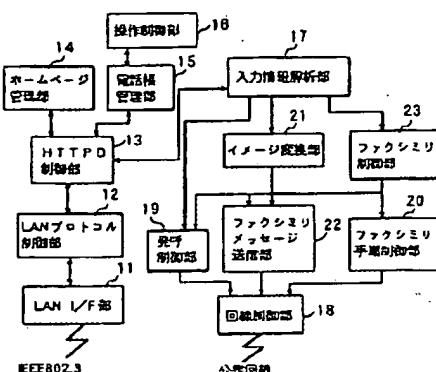
[Derwent Classification]

(EPI) W01, W02

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(Electrical) W01-A03B, W01-A06B5A, W01-A06E1, W01-A06G2, W01-A06G3,

本発明の一実施の形態のブロック図



[Abstract]

First Section: The machine has an input evaluation unit (17) which separates a transmission-address telephone number and a message text which are input via a process controller, and decides the execution of facsimile transmission. A facsimile message transmitting unit (22) generates a facsimile message, which can be received by a destination facsimile machine, according to the message text converted into an image information.

A circuit controller (18) transmits a facsimile message signal from the facsimile message transmitting unit to the destination facsimile machine after the transmission-address telephone number is dialled, based on the facsimile transmission execution decision result.

ADVANTAGE: Eliminates need for installing new software for user since WWW browser is utilised, thus development of software corresponding to each operating environment is made unnecessary.

Reference No.2 (Japanese Laid-Open Patent publication Hei 10-191010)

The paragraph [0001]

“ The present invention relates to a facsimile apparatus which can connect to a local area network (LAN) and which can perform a facsimile transmission from external device connected to the LAN.”

The paragraph [0023]

“ A HTTPD controller 13 performs a HTTPD (Hyper Text Transfer Protocol Deamon) function by using a data stream transfer function of a TCP/IP protocol. The data stream transfer function is performed by a LAN protocol controller 12. HTTP (Hyper Text Transfer Protocol) is a protocol for transferring a file (i.e. a home page) described in a HTML (Hyper Text Markup Language). A server, which transmits a HTML file to a world wide web (WWW) browser response to a request from the browser based on the HTTP protocol, is called HTTPD.”

The paragraph [0024]

“ A home page manager 14 stores a home page file of the facsimile apparatus described in HTML, and outputs the home page file in a response to a request of the HTTPD controller 13. Thus, when a WWW browser requests the facsimile apparatus to transmit the home page, the HTTPD controller 13 obtains the home page file from the home page manager 14 and transmits it to the WWW browser.”

The paragraph [0025]

“ A telephone list manager 15 stores telephone list information. The telephone list information consists of a pair of a sender name, which is registered by the user and which is often used, and facsimile number. The telephone list

manager 15 transforms the telephone list information into the HTML format and outputs it, response to a request form the HTTPD controller 13. Thus, when the WWW browser requests the facsimile apparatus to transmit the telephone list, the HTTPD controller 13 obtains, form the telephone list manager 15, a telephone list file described in HTML, and transmits it to the WWW browser.”

The paragraph [0042]

“In the embodiment of the present invention, the telephone list information is merely referred on the WWW browser, but can technically be registered, corrected, and deleted on the WWW browser. The latter will be more useful for a product put into the market.”